

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (~~Original~~Cancelled) |
2. (Currently Amended) The apparatus of ~~claim 1~~claim 6, |
wherein said climate system further includes sensors for sensing the
temperature of said supply of developer material.
3. (Currently Amended) The apparatus of claim 2, wherein
said climate system further includes a controller in communication with said
heating element, said cooling element and said sensors, said controller
selectively activating and de-activating said heating element, said cooling
element ~~base~~based on the temperature sensed by said sensor. |
4. (Currently Amended) The apparatus of ~~claim 1~~claim 6, |
further comprising a first mode of operation wherein said cooling element
cools said reservoir to a first predefined temperature during a print job.
5. (Currently Amended) The apparatus of ~~claim 1~~claim 6, |
further comprising a second mode of operation wherein said heating element
heats the supply air contacting said reservoir to a second predefined
temperature during a standby mode.

6. (Currently Amended) An apparatus for developing a latent image recorded on a movable imaging surface, including:

a reservoir for storing a supply of developer material including toner particles, said reservoir including a developer material mixing and transport area;

a donor member being arranged to receive toner particles from said reservoir and to deliver toner particles to the image surface at locations spaced apart from each other in the direction of movement of the imaging surface thereby to develop the latent image thereon; and

a climate system, associated with said reservoir, for maintaining said supply of developer material at a predefined temperature, said climate system includes a cooling element for supplying cool air to said developer material mixing and transport area, The apparatus of claim 1, wherein said cooling element supply-supplies air to a cooling channel defined is-in said reservoir and a heating element positioned within air path for heating air to predefined temperature.

7. (Original) The apparatus of claim 4, wherein said outer portion of said reservoir includes cooling/heating fins for improving heat transfer.

8. (Cancelled) A xerographic printer including an environmental enclosure having xerographic stations enclosed therein selected from the group of: an imaging member, imaging station for recording an image on the imaging member, a development station for ~~developing~~ ~~station~~ for developing the image on the imaging member, and a transfer station for transferring the developed image to a substrate, comprising:

an environmental climate unit connected to the environmental enclosure for maintaining xerographic stations therein at a predefined temperature; and wherein

said development station includes: a reservoir for storing a supply of developer material including toner particles, said reservoir including a developer material mixing and transport area;

a donor member being arranged to receive toner particles from said reservoir and to deliver toner particles to the image surface at locations spaced apart from each other in the direction of movement of the imaging surface thereby to develop the latent image thereon; and

a climate system, associated with said reservoir, for maintaining said supply of developer material at a predefined temperature, said climate system includes a cooling element for supplying cool air to said developer material mixing and transport area, and a heating element positioned within air path for heating air to predefine temperature.

9. (Currently Amended) The xerographic printer of ~~claim 8~~ claim 13, wherein said climate system further includes sensors for sensing the temperature of said supply of developer material.

10. (Original) The xerographic printer of claim 9, wherein said climate system further includes a controller in communication with said heating element, said cooling element and said sensors, said controller selectively activating and de-activating said heating element, said cooling element base on the temperature sensed by said sensor.

11. (Currently Amended) The xerographic printer of ~~claim~~ claim 13, further comprising a first mode of operation wherein said cooling element cools said reservoir to a first predefined temperature during a print job.

12. (Currently Amended) The xerographic printer of ~~claim~~ claim 13, further comprising a second mode of operation wherein said heating element heats the supply air contacting said reservoir to a second predefined temperature during a standby mode.

13. (Currently Amended) A xerographic printer including an environmental enclosure having xerographic stations enclosed therein selected from the group of: an imaging member, imaging station for recording an image on the imaging member, a development station for developing the image on the imaging member, and a transfer station for transferring the developed image to a substrate, comprising:

an environmental climate unit connected to the environmental enclosure for maintaining xerographic stations therein at a predefined temperature; and wherein

said development station includes: a reservoir for storing a supply of developer material including toner particles, said reservoir including a developer material mixing and transport area;

a donor member being arranged to receive toner particles from said reservoir and to deliver toner particles to the image surface at locations spaced apart from each other in the direction of movement of the imaging surface thereby to develop the latent image thereon; and

a climate system, associated with said reservoir, for maintaining said supply of developer material at a predefined temperature, said climate system includes a cooling element for supplying cool air to said developer material mixing and transport area. The xerographic printer of claim 8, wherein said cooling element supply supplies air to a cooling channel defined in said reservoir and a heating element positioned within air path for heating air to predefine temperature.

14. (Original) The xerographic printer of claim 9, wherein said outer portion of said reservoir includes fins for improving heat transfer.